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Abstract of the Disclosure

A finished molded metal part is produced by an injection molding system includes a feeder in which a metal is melted and a first chamber into which a desired amount of melted metal is introduced. The molded metal parts can have extremely fine dimensions, small thicknesses, and indented or protruding surface features that are molded with such low porosity that no further milling/finishing operation is required before the part is used in its finished state.